

AUGUST 1996

IMPORT HEALTH REQUIREMENTS OF CANADA FOR CERVINE SEMEN  
EXPORTED FROM THE UNITED STATES

GENERAL CONDITIONS

1. No person shall import cervine semen into Canada from the United States unless he/she does so under and in accordance with a permit issued by the Minister to ensure:

- i) that the semen has been collected, processed, and stored in an approved animal semen production center;
- ii) that the semen has been derived from donor animals whose health status is such that the risk of spread of animal diseases is eliminated;
- iii) that the semen has been collected, processed, stored, and transported in accordance with procedures which preserve its health status; and
- iv) that the semen is accompanied to Canada by an export health certificate of an official veterinarian of the United States Department of Agriculture (USDA) in order to confirm that these obligations have been fulfilled.

2. The import permit referred to above shall remain in force for a period of three (3) months from the date of issuance.

3. Animal semen being imported into Canada must be accompanied by an official export health certificate in English or French issued by a full-time salaried veterinarian of the USDA or an official export certificate issued by an approved (accredited) veterinarian and endorsed by an official salaried veterinarian of the USDA that clearly identifies:

- i) The import permit number, the name of the exporting country and the name of the issuing authority;
- ii) the identification of the donor animal including:
  - a) the species;
  - b) the breed and registered name;
  - c) the registration number;
  - d) the collection date and the number of straws; and,
  - e) the identification/markings of the straws;
- iii) the origin of the semen including:
  - a) the name of the exporter;
  - b) the full address of the exporter; and,
  - c) the name of the approved semen production center where the semen was collected, if different from b) above;
- iv) the consignment description including:
  - a) the total number of straws;
  - b) the serial number of the shipping container; and,
  - c) the number/markings of the official seal on the shipping container;

- v) the destination of the semen including the full name and address of the consignee.

**NOTE: The export health certificate to be used is included in these requirements.**

4. In the case of frozen semen, the semen must be processed and stored separately from semen not of equivalent health status from the time of collection to the time of export to Canada, the minimum period of which must not be less than thirty (30) days.
5. In the case of fresh or chilled semen, the semen must be processed and stored in the United States separately from semen not intended for export to Canada from the time of collection to the time of export to Canada.
6. The semen must be exported to Canada from the United States without having been exported to any other country.
7. The semen must enter Canada through an inspection port in a container bearing an unbroken seal of the government of the United States.
8. The semen must be stored within the sealed container in ampoules, straws or other receptacles that are marked in a permanent manner with:
  - i) the date of collection of the semen;
  - ii) the registered name and number of the animal from which the semen was collected; and,
  - iii) the identity of the approved semen production center.
9. No person shall remove animal semen imported into Canada from an inspection port except:
  - i) in a container bearing an unbroken seal of the government of the United States; and,
  - ii) to an approved animal semen production center or other place approved by the Minister.
10. No person shall import animal semen into Canada that is contaminated by bacteria, virus or any other micro-organism capable of introducing disease in animals.
11. Where the person importing the animal semen fails to comply with any of the above conditions or the semen is found not to be from the animal source described in the accompanying official export health certificate, an inspector may order the person having the possession, care or custody of the animal semen imported into Canada to destroy it, return it to the country of export or deal with it in such other manner as the inspector may specify.

Health Certificate No. \_\_\_\_\_  
(Valid only if the USDA Veterinary Seal  
Appears over the Certificate No.)

ZOO SANITARY CERTIFICATE  
CERVINE SEMEN

PART A: IDENTIFICATION

1. Import Permit Number: \_\_\_\_\_  
2. Species and Commodity: Cervine Semen  
3. Exporting Country: United States of America  
4. Issuing Authority: United States Department of Agriculture

5. Donor Identification:

Registered Name	Registration Number	Breed	No. of Straws	Collection Date	Straw Identification
--------------------	------------------------	-------	------------------	--------------------	-------------------------

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

6. Consignment Description:

- a. Total number of straws: \_\_\_\_\_  
b. Serial number of the shipping tank: \_\_\_\_\_  
c. Number of the tamperproof seal on tank: \_\_\_\_\_  
d. Statement of ingredients of the diluent or extender: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

7. Origin of the Semen:

- a. Name of exporter: \_\_\_\_\_  
b. Address: \_\_\_\_\_  
c. Name of approved semen production center where semen collected if different  
than above: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

8. Destination of the semen:

- a. Name of consignee: \_\_\_\_\_  
b. Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

PART B: HEALTH INFORMATION

Section I

I, \_\_\_\_\_ (print name), a  
veterinarian accredited by the United States Department of Agriculture and responsible for  
the \_\_\_\_\_ (name) Semen Collection Center, certify with  
respect to the semen and donor animal(s) identified on this health certificate that:

1.
  - i) The donor animals have been continuously resident at the approved premises for a minimum of thirty (30) days preceding collection and until the last collection of the semen for export to Canada and in that time have not been used for natural mating.
  - ii) Prior to entry into the approved premises, the donor stags were resident in a herd which had been free of tuberculosis for at least two (2) years.
  - iii) The semen collection premises has been fully accredited free of tuberculosis by virtue of a negative test of resident animals within the preceding twelve (12) months.
  - iv) The donor animal was born and raised in the United States or has been continuously resident in the United States for not less than sixty (60) days prior to the commencement of collection of semen destined to Canada following completion of any post entry restrictions.
2. The approved premises and any other premises on which the donor animal has been resident has been free from:
  - i) *Campylobacter fetus*, *Trichomonas foetus*, brucellosis, tuberculosis, bluetongue, Johne's disease and epizootic hemorrhagic disease (EHD) for the twelve (12) months prior to the collection of the semen; and,
  - ii) clinical evidence of leptospirosis for the three (3) months prior to collection of the semen.
  - iii) any evidence of chronic wasting disease during the past five (5) years and the donor animal is not the progeny of a dam which is suspected or confirmed to have been infected with chronic wasting disease.
3.
  - a) The donor animals were isolated for at least thirty (30) days preceding collection and during this isolation period the donor animals were subjected to the following tests with negative results in each case:
    - i) tuberculosis - intradermal tuberculin test at the cervical site using bovine PPD tuberculin: Date of test: \_\_\_\_\_
    - ii) brucellosis - complement fixation test (less than 20 ICFU/ml):  
Date of test: \_\_\_\_\_
    - iii) bluetongue - ELISA or AGID test: Date of test: \_\_\_\_\_
    - iv) EHD - serum neutralization test: Date of test: \_\_\_\_\_
  - b) donor animals which remain continuously resident at the center were subjected to the tests referred to in clause 3(a) above at intervals not exceeding six (6) months with negative results; and
  - c) from the date of testing as outlined in Clause 3 above through until the completion of collection of the semen destined to Canada, the donor animals

have not had any direct or indirect contact with animals not of equivalent tested health status.

4. During the pre-collection isolation period, the donor stags received two injections of dihydrostreptomycin (25 mg/kg) with an interval of fourteen (14) days between the injections. Dates of injections: \_\_\_\_\_
5. On the dates of collection of the semen to be exported, the donor stag and all other animals resident in the approved premises showed no clinical evidence of infectious or contagious disease.
6. Neither the donor animal nor its sire or dam is known to carry any genetic defects.
7. No unsterilized substance of animal origin has been added to the extender or diluent, except UHT milk or egg yolk which has been obtained from eggs from a United States flock.
8. All equipment used for semen collection, processing and storage was used exclusively for the cervine semen for export to Canada and, if not disposable, was sterilized between uses.
9. Following collection, the semen was placed in straws or vials indelibly marked either with the identification of the donor animal and the dates of collection or a code from which this information may be determined.
10. Only sterilized flasks and fresh nitrogen not previously used for any other purpose has been used for the storage of the semen. The semen has been stored in a secure location at an approved premises from the time of collection until its dispatch to Canada.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of USDA Accredited Veterinarian

\_\_\_\_\_  
Name and Location of Semen Collection Center

## Section II

I, the undersigned official salaried veterinary officer of the United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service (APHIS), certify that:

1. The United States is free of velogenic Newcastle disease, contagious bovine pleuropneumonia, ephemeral fever, foot and mouth disease, and rinderpest.
2. The premises is approved to operate as a semen collection center for cervine semen to be exported to Canada by the United States Department of Agriculture, and is under the supervision of an accredited veterinarian, in accordance with the following:

### Approved Premises:

#### 2.1 Operation

- 2.1.1 The center exists for the collection, storage and distribution of semen.
- 2.1.2 The center is a discrete unit but may be associated with a center for AI for other species.
- 2.1.3 Animals, both resident and incoming, kept at the center for AI purposes are to be held in isolation from animals not of tested equivalent status.

- 2.1.4 All incoming animals shall be held in isolation until they have met the requirements for the center.
- 2.1.5 Semen is processed in a room set aside for that purpose and separate from and with no direct connection to areas where animals are housed or semen is collected.
- 2.1.6 Semen must be stored in a room separate from all other facilities and able to be secured.
- 2.1.7 All equipment used to collect, process and store semen and which comes in contact with either the donor animals or the semen must be used exclusively on animals donating semen destined for export and, if not disposable, is either new or has been sterilized or disinfected before and between uses.

## 2.2 Facilities

- 2.2.1 There is an area for isolation of incoming animals separate from resident and sick animals.
- 2.2.2 There is an area for isolation of sick animals.
- 2.2.3 Drainage should be so arranged as to conform with requirements for separation of buildings, etc.
- 2.2.4 The collection center should be self-contained and be double-fenced or similarly secured to ensure that no contact between resident animals with animals of different health status is possible.
- 2.2.5 Construction should be such as to facilitate cleaning and disinfection.
- 2.2.6 There is a defined area for semen collection which is distinct from that of animal housing and of semen processing.

## 2.3 Staffing

- 2.3.1 Staff in the center should undertake normal measures against cross-contamination prior to handling any animals in the center and prior to any testing, treatment or collection procedures being carried out in the center.
- 2.3.2 With regard to semen collection, all matters related to hygiene, health, health testing and quarantine must be under the control and supervision of a veterinarian approved by the United States Department of Agriculture.

- 3. Prior to dispatch, the shipping container was sealed with an approved tamperproof seal bearing the following markings: \_\_\_\_\_
- 4. I have no reason to doubt the truth or accuracy of the accredited veterinarian's certificate in Section I.
- 5. I have received and examined the animal health records and test reports of the donor of semen for this consignment.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of USDA, APHIS Salaried Veterinarian  
(Valid only if official USDA Seal appears over signature)

Health Certificate No. \_\_\_\_\_  
(Valid only if the USDA Veterinary Seal  
Appears over the Certificate No.)